# INDEX TO VOLUME 10


ATKINS, F. B. Pyroxenes of the Bushveld Intrusion, South Africa 222

BARKER, D. S., *and* LONG, L. E. Feldspathoidal Syenite in a Quartz Diabase Sill, Brookville, New Jersey 202

BELL, KEITH, *and* POWELL, J. L. Strontium Isotopic Studies of Alkalic Rocks: The Potassium-rich Lavas of the Birunga and Toro–Ankole Regions, East and Central Equatorial Africa 536

BUTLER, P., JR. Mineral Compositions and Equilibria in the Metamorphosed Iron Formation of the Gagnon Region, Quebec, Canada 56

CANN, J. R. Spilites from the Carlsberg Ridge, Indian Ocean 1

CARMICHAEL, I. S. E., *see* NASH, W. P.

COOMBS, D. S., *and* WILKINSON, J. F. G. Lineages and Fractionation Trends in Undersaturated Volcanic Rocks from the East Otago Volcanic Province (New Zealand) and Related Rocks 440

DODGE, F. C. W., SMITH, V. C., *and* MAYS, R. E. Biotites from Granitic Rocks of the Central Sierra Nevada Batholith, California 250

GUIDOTTI, C. V. A Comment on 'Chemical Study of Minerals from the Moine Schists of the Ardnamurchan Area, Argyllshire, Scotland' 164

HAFFTY, JOSEPH, *see* NOBLE, DONALD C.

HIMMELBERG, G. R., *and* PAPIKE, J. J. Coexisting Amphiboles from Blueschist Facies Metamorphic Rocks 102

JOHNSON, R. W., *see* NASH, W. P.

LONG, J. V. P., *see* SWEATMAN, T. R.

LONG, L. E., *see* BARKER, D. S.

MAYS, R. E., *see* DODGE, F. C. W.

NALDRETT, A. J. A Portion of the System Fe–S–O between 900 and 1080 °C. and its Application to Sulfide Ore Magmas 171

NASH, W. P., CARMICHAEL, I. S. E., *and* JOHNSON, R. W. The Mineralogy and Petrology of Mount Suswa, Kenya 409

NOBLE, DONALD C., *and* HAFFTY, JOSEPH. Minor-element and Revised Major-element Contents of Some Mediterranean Pantellerites and Comendites 502

PANKHURST, R. J. Strontium Isotope Studies related to Petrogenesis in the Caledonian Basic Igneous Province of NE. Scotland 115

PAPIKE, J. J., *see* HIMMELBERG, G. R.

POWELL, J. L., *see* BELL, KEITH

RUTHERFORD, MALCOLM J. An Experimental Determination of Iron Biotite–Alkali Feldspar Equilibria 381

SHAW, HERBERT R. Rheology of Basalt in the Melting Range 510

SHIEH, Y. N., *and* TAYLOR, H. P. Oxygen and Carbon Isotope Studies of Contact Metamorphism of Carbonate Rocks 307

SMITH, D. G. W. Pyrometamorphism of Phyllites by a Dolerite Plug 20

SMITH, R. E. Zones of Progressive Regional Burial Metamorphism in Part of the Tasman Geosyncline, Eastern Australia 144

SMITH, V. C., *see* DODGE, F. C. W.

SPENCER, A. B. Alkalic Igneous Rocks of the Balcones Province, Texas 272

SWEATMAN, T. R., *and* LONG, J. V. P. Quantitative Electron-probe Microanalysis of Rock-forming Minerals 332

TAYLOR, H. P., *see* SHIEH, Y. N.

WILKINSON, J. F. G., *see* COOMBS, D. S.